

11.MPE ESTIMATION

11.1.Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm ²)	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Frequency(MHz)	Power density (mW/ cm ²)	Averaging time(minutes)
2412	1	30
2437	1	30
2462	1	30

Note: F= Frequency in MHz

11.2.2, Estimation Result

Mode	CH	Frequency (MHz)	PK Output power (dBm)	Output power (mW)	antenna Gain (dBi)	antenna Gain(linear)	MPE
11b	1	2412	21.36	136.77	5	3.16	0.0861
	6	2437	22.09	161.81	5	3.16	0.1018
	11	2462	21.91	155.24	5	3.16	0.0977
11g	1	2412	18.24	66.68	5	3.16	0.0420
	6	2437	22.96	197.70	5	3.16	0.1244
	11	2462	18.90	77.62	5	3.16	0.0489
11n HT20	1	2412	16.34	43.05	5	3.16	0.0271
	6	2437	23.06	202.30	5	3.16	0.1273
	11	2462	16.77	47.53	5	3.16	0.0299
11n HT40	1	2422	11.65	14.62	5	3.16	0.0092
	4	2437	19.64	91.20	5	3.16	0.0574
	7	2452	12.52	17.86	5	3.16	0.0112

Note: The estimation distance is 20cm